



# Juba off-grid energy storage

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Egyptian manufacturer El Sewedy Electric has secured a contract from the authorities in Juba to build the \$45 million project in Nesitu county. The African Export-Import Bank is financing the facility.

The African Export-Import Bank is financing the \$45 million project, which will include a 20 MW solar park coupled with a 35 MWh storage system. It will be located in Nesitu county, 20 km from the capital, Juba, El Sewedy Electric said, adding the project will be finalized within 12 months of the start of construction. No further technical or financial details were provided about the facility.

The project will be the country's first megawatt scale solar power plant. According to the International Renewable Energy Agency, South Sudan had only installed 18 MW of solar by the end of last year, most of it off-grid capacity.

The world's youngest globally recognized nation, which depends heavily on imported fossil fuels for power, has an electricity access rate of around 59%. According to the U.S. Energy Information Administration, 56% of South Sudan's power demand was met by hydropower in 2016.

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The power station would be located on a 25 hectares (62 acres) piece of real estate, approximately 20 kilometres (12&#160;mi) from Juba, the capital and largest city of South Sudan.&#91;1&#93;&#91;3&#93;

The power station is reported to cost an estimated US\$45 million to construct. The project has received a loan from the African Export-Import Bank.&#91;2&#93;&#91;4&#93;



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